Ministry of
Northern Development
and Mines

Ontario

René Fontaine
Minister
George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

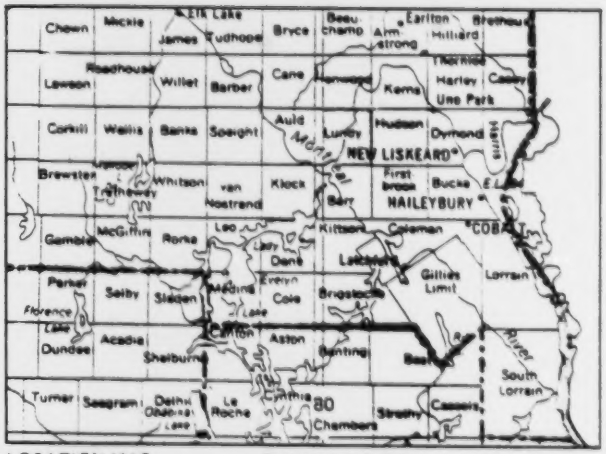
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 286

LUNDY TOWNSHIP

DISTRICT OF TIMISKAMING

Compiled by the staff of
the Resident Geologist's Office
Cobalt



LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

87-00193/

NTS Number 31M/12 and part of 41P/9

Mining Claim Map Number M-538

This project was funded by the Ontario Ministry of Northern Development and Mines through the Special Projects Assisting Resource Communities (SPARC) program.

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
198-: Lundy Township, District of Timiskaming, Ontario Geological Survey Geological Data Inventory Folio 286 , Compiled by the Staff of the Resident Geologist's Office, Cobalt,20 pages and 2 maps.

Original Compilation by: Patricia Anderson, November 1, 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

LUNDY TOWNSHIP

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 5
Drill Hole Summary 6
Airborne Geophysical Survey Data 7
Geochemical Survey Data 8
Miscellaneous Data 9
Newspaper Clipping File 10
ODM General Index Search 11
Selected References 12
Notes and Addenda 18

ACCOMPANYING MAPS

Property Location Map - 1 Map
Exploration Data Map - 1 Map
Map Scale 1: 31 680 or 1 inch to ½ mile

LUNDY TOWNSHIP

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	D.P.A.
2	Assessment Files Research Office, Toronto	No	D.P.A.
3	ODM General Index; 9 Volumes	Yes	D.P.A.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	D.P.A.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	No	D.P.A.
6	ODM Industrial Mineral Reports	No	D.P.A.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	D.P.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	D.P.A.
9	Newspaper Clippings File	No	D.P.A.
10	GSC Index to Publications	Yes	D.P.A.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	D.P.A.
12	OGS Index Maps	No	D.P.A.
13	Source Mineral Deposit Records (O.G.S.)	No	D.P.A.
14	Author - Subject Articles File	No	D.P.A.
15	Miscellaneous Papers: ODM & OGS	Yes	D.P.A.
16	ODM Geological Circulars: OGS Study Series	No	D.P.A.
17	ODM Preliminary Reports: ODM Bulletins	No	D.P.A.
18	ODM – OGS Open File Reports	Yes	D.P.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	D.P.A.
20	OGS Aggregate Resources Inventory Papers	N.A.	D.P.A.
21	OGS Mineral Potential Maps	No	D.P.A.
22	Theses on File, Cobalt	No	D.P.A.
23	Aerial Photographs on File, Toronto	Yes	D.P.A.
24	Aerial Photographs on File, Cobalt	Yes	D.P.A.
25	Photos, Samples and Thin Sections, Cobalt	Yes	D.P.A.

METALS AND MINERALS REFERENCES LIST

- Δ anh. . . . . .Anhydrite
- Δ ank. . . . . .Ankerite
- Δ anna . . . . . Annabergite
- Δ ap. . . . . .Apatite
- Δ arg . . . . . Argentite
- Δ As . . . . . .Arsenic
- Δ asp . . . . . .Arsenopyrite
- Δ asb . . . . . .Asbestos
- Δ ba. . . . . .Barite
- Δ be. . . . . .Beryl
- ▲ Bi. . . . . .Bismuth
- Δ bn . . . . . .Bornite
- Δ bran . . . . . .Brannerite
- Δ bruc . . . . . .Brucite
- Δ Cd . . . . . .Cadmium
- Δ calc. . . . . .Calcite
- Δ carb . . . . . .Carbonate
- Δ cel . . . . . .Celestite
- Δ cc. . . . . .Chalcocite
- ▲ cp. . . . . .Chalcopyrite
- Δ ch. . . . . .Chert
- Δ clay . . . . . .Clay
- ▲ Co . . . . . Cobalt
- Δ cob. . . . . Cobaltite
- Δ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- Δ cor . . . . . Corundum
- Δ dol . . . . . Dolomite
- Δ ep. . . . . Epidote
- ▲ ery . . . . . Erythrite
- Δ fel . . . . . .Feldspar
- Δ fl . . . . . .Fluorite (flurospar)
- Δ fu. . . . . .Fuchsite
- Δ gn. . . . . .Galena
- Δ gt. . . . . .Garnet
- Δ goe. . . . . .Goethite
- ▲ Au . . . . . Gold
- Δ gf. . . . . .Graphite
- Δ gl . . . . . Gravel
- Δ gyp. . . . . .Gypsum
- ▲ hem . . . . . Hematite
- Δ il . . . . . .Ilmenite
- Δ Fe . . . . . .Iron
- Δ IF. . . . . Iron Formation
- Δ jas . . . . . Jasper
- Δ kaol . . . . . .Kaolinite (kaolin)
- Δ ky . . . . . Kyanite
- ▲ Pb . . . . . Lead
- Δ lim . . . . . Limonite
- Δ Li. . . . . Lithium
- Δ mgst . . . . . .Magnesite
- Δ mag . . . . . .Magnetite
- ▲ mc . . . . . Malachite
- Δ Mn . . . . . Manganese
- Δ mb . . . . . .Marble
- Δ mar. . . . . Marcasite
- Δ ma . . . . . .Marl
- Δ mi . . . . . Mica
- Δ ml . . . . . .Millerite
- Δ mo . . . . . Molybdenite
- Δ Mo . . . . . .Molybdenum
- Δ mon . . . . . Monazite
- Δ ne. . . . . Nephelite (nepheline)
- Δ nc. . . . . .Niccolite
- Δ Ni. . . . . Nickel
- Δ Nb . . . . . .Niobium
- Δ Pd . . . . . .Palladium
- Δ peat . . . . . .Peat
- Δ pent . . . . . .Pentlandite
- Δ Pt. . . . . .Platinum
- ▲ py . . . . . .Pyrite
- Δ pyl . . . . . Pyrochlore
- Δ pyrl . . . . . .Pyrolusite
- Δ po . . . . . .Pyrrhotite
- Δ q . . . . . Quartz
- Δ qcv. . . . . .Quartz carbonate vein
- Δ ra. . . . . .Radioactive minerals
- Δ RE . . . . . .Rare Earths
- Δ sd. . . . . , Sand
- Δ sgl . . . . . Sand and gravel
- Δ ss . . . . . .Sandstone
- Δ scap . . . . . Scapolite
- Δ shee . . . . . .Scheelite
- Δ serp . . . . . Serpentine
- Δ sh. . . . . .Shale
- Δ sid . . . . . Siderite
- Δ si . . . . . .Silica
- ▲ Ag . . . . . .Silver
- Δ sl . . . . . Slate
- ▲ sm . . . . . .Smaltite
- Δ sod. . . . . Sodalite
- ▲ spec . . . . . Specularite
- ▲ sp. . . . . .Sphalerite
- Δ spd . . . . . .Spodumene
- Δ staur . . . . . .Staurolite
- Δ stib. . . . . Stibnite
- Δ st . . . . . .Stone
- Δ talc. . . . . .Talc
- Δ Te . . . . . .Tellurium
- Δ td. . . . . Tetrahedrite
- Δ th. . . . . .Thorite
- Δ Th . . . . . .Thorium
- Δ thuc . . . . . Thucholite
- Δ ti . . . . . Titanite
- Δ Ti. . . . . Titanium
- Δ tour . . . . . .Tourmaline
- Δ trap . . . . . .Trap rock
- Δ W. . . . . Tungsten
- Δ uran . . . . . Uraninite
- Δ U . . . . . .Uranium
- Δ verm . . . . . .Vermiculite
- Δ Y . . . . . Yttrium
- ▲ Zn . . . . . .Zinc
- Δ zr. . . . . Zircon
- ▲az. . . . . .Azurite

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps or listed in Drillhole Summary

LUNDY TOWNSHIP

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A.	Walton, Harold	Cu - major spec, mc, az - minor			OGS, 1985, Map P. 2733 Lundy Twp. Lundy Twp. AF, Walton, Harold
B.	Leacock Creek	Zn, Pb - major Cu - minor			OGS, 1985, Map P. 2733 Lundy Twp.
C.	Lookout	Co, Ag - major Ni - minor			OGS, 1985, Map P. 2733 Lundy Twp.
D.	Shannon	Cu, Ag - major ery - minor			OGS, 1985, Map P. 2733 Lundy Twp. - shaft estimated 40' depth
E.	Moffat Creek	Cu - major			OGS, 1985, Map P. 2733 Lundy Twp.
F.	Silverside	Cu- major ery - minor			OGS, 1985, Map P. 2733 Lundy Twp. Lundy Twp. AF, Silverside Resources Inc.
G.	Con. I, Lot 11	cp - minor			OGS, 1985, Map P. 2733 Lundy Twp.
H.	Con. I, Lot 10	cp, sp - minor			OGS, 1985, Map P. 2733 Lundy Twp.

GDIF FORM NO. 1

LUNDY TOWNSHIP 4

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
I.	Con. IV, Lot 4	cp - minor			OGS, 1985, Map P.2733 Lundy Twp.
J.	Messenger	Au - float			Resident Geologist's Files, Messenger, E.

GDIF FORM NO. 1

LUNDY TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Godzik, Alex J. Walton, Harold G.			53?		72														
2	Ferguson, Bruce H.	84				84						84								
3	Silverside Resources Inc.	84			85	85														
4	Morgan, T.A.	85											85							

GDIF FORM NO. 2

5

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth DEGREES	Initial Dip of Hole DEGREES	Thickness of Overburden FEET	Total Length of Hole FEET	Mineralization Noted in Log	Assay Data Included for
1a	Silverside Resources Inc.	L-85-1	1985	080	-50	46	502	cp, py, sp	Ag
1b		L-85-2	1985	080	-50	27	502	cp, py, hem, sp, Ag	Ag
1c		L-85-3	1985	080	-50	28	578	py, sm, cp	Ag
1d		L-85-4	1985	080	-50	22	478	cp, py, sp	Ag
1e		L-85-5	1985	080	-50	22	578	cp, py, hem, sp	Ag
1f		L-85-6	1985	080	-50	38	498	py, Ag, Bi, sp	Ag, Au
1g		L-85-7	1985	165	-50	24	403	py, sp, cp	Ag, Au
1h		L-85-8	1985	150	-50	8	465	py, sp, cp	

OBM FORM No. 1

LUNDY TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
	No data available as of November 1, 1985				

GDS FORM NO. 4

8 LUNDY TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
	No data available as of November 1, 1985			

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result
	No data available as of		November 1, 1985	

LANDSAT COLOUR PHOTO - NTS 31/M

LS	TR	FR	Date of Imagery	Band	Cycle/Day
2	20	27	13/10/81	C_1	136/10

on file in Cobalt office

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Cobalt.

No data available as of November 1, 1985

GDIF FORM NO. 7

ODM GENERAL INDEX SEARCH

Words searched:

Blanche River
Godzik, Alex J.
Howard Beach Pit
Leacock Creek
Lundy Lake
Lundy Township
Moffat Creek
Scott, M.
Spencer, V.
Walton, H.
Willorrow & Eric

Index Volume	Listing:	Report Volume	Part	Page
1	Lundy Twp., Timiskaming			
	Map, geological, 31b with	31	3	
	Quartzite	31	3	6

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Savage, W.S., Thomson, R., Fenwick, K.G.	1962	Elk Lake-New Liskeard	ODM Map P.159	1:126 720
Wright, J.F.	1968	Sudbury	GSC Map 1063A	1:506 880
Pyke, D.R., Ayres, L.D., Innes, D.G.	1973	Timmins-Kirkland Lake	OGS Map 2205	1:253 440
MERQ-OGS	1984	Lithostratigraphic Map of the Abitibi Subprovince	OGS Map 2484	1:500 000
		GEOPHYSICAL MAPS		
GSC	1965	New Liskeard, Ontario-Quebec, NTS 31M/12 aeromagnetic	GSC Map 1493G	1:63 360
Gupta, V.K., Wadge, D.R.	1980	Bouger Gravity and Generalized Geology Map, Temagami-Englehart Area, Districts of Timiskaming, Nipissing and Sudbury	OGS Map 2296	1:100 000
Gupta, V.K., Grant, F.S., Boud, A.	1981	A Gravity Study in North-Central Ontario, Districts of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 26 pp. 160-164
	1981	Magnetic Anomaly Map, Timiskaming-Kapuskasing, Ontario	GSC Map 1563A	1:100 000
GSC-OGS	1982	Airborne gamma-ray spectrometry maps and profiles, Gogama Sheet	OGS Map Set 80411-80425	1:250 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOPHYSICAL MAPS		
Gupta, V.K.	1982	Gravity and Aeromagnetic Studies in North-Central Ontario: A Progress Report; in Summary of Field Work, 1982, edited by J. Wood et al, Ontario Geological Survey	OGS MP 106	No. 24 pp. 165-167
Mansinha, L., Wilkinson, D.A.	1983	Interpretation of Gravity Data from New Liskeard, Ontario; Ontario Geoscience Research Grant Program, Grant No. 109	OGS OFR 5440	
GSC	1984	Sudbury, Ontario and Quebec IMW NL 16/17, Magnetic Anomaly Map	GSC Map N-16/17-M	1:1 000 000
GSC		Aeromagnetic Map	MNR Map 7075G	1:253 440
EPB		Earth Physics Branch Gravity Map Series	EPB Maps No. 84, No. 134	1:500 000
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
	1950	Elk Lake, Ontario, topographic	NTS 41P/NE	1:126 720
	1951	New Liskeard, Ontario, topographic	NTS 31M/NW	1:126 720
	1975	Marten Lake, Ontario, topographic	NTS 31M/12	1:50 000
	1976	Ville Marie, Ontario-Quebec, topographic	NTS 31/M	1:250 000
	1977	Sudbury, Ontario, topographic	NTS 41/P	1:250 000
Roed, M.A.	1979	New Liskeard, Ontario, NTS 31M/NW	NOEGTS 84 OGS Map 5021	1:100 000
Roed, M.A.	1980	Elk Lake, Ontario, NTS 41P/NE	NOEGTS 83 OGS Map 5020	1:100 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		SURFICIAL, PLEISTOCENE, TERRAIN ENGINEERING		
	1982	Ontario Basic Map Sheets	20 17 5700 52600 20 17 5800 52600	1:20 000
		Lundy Township Claim Map	MNR Map M.538	1" = 20 ch.
		Elk Lake, Ontario topographic	NTS 41P/9	1:50 000
		MINERAL POTENTIAL		
Springer, J.	1977	Ontario Mineral Potential, Gogama Sheet and part of Ville Marie Sheet	OGS Map P. 1514	1:250 000
		GEOCHEMICAL		
		No data avilable as of November 1, 1985		
		GEOLOGICAL REPORTS AND MAPS		
Barlow, A.E.	1897	Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and the County of Pontiac, Quebec	*GSC Annual Report X, pt. I GSC Map 599	 1:253 440
Barlow, A.E.	1908	Second Edition of the Report on the Geology and Natural Resources of the Area Included by the Nipissing and Timiskaming Map Sheets, Comprising Portions of the District of Nipissing, Ontario and the County of Pontiac, Quebec	*GSC Separate Report 962 GSC Map 944	1: 63 360

GDIF FORM NO. 9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Bell, R.	1907	Cobalt District and Northward	*GSC Summary Report 1906	pp. 110-112
Parks, W.A.	1907	The Geology of the District from Lake Timiskaming Northward	*GSC Summary Report XVI, pt. A (1904)	pp. 198-225
Brunton, S.	1914	Investigation of the Occurrence of Radioactive Minerals in Ontario	*GSC Summary Report 1916	pp. 91-94
Burrows, A.G., Hopkins, P.E.	1922	Blanche River Area, Timiskaming District, Ontario	ODM Annual Report 31, pt. 3 ODM Map 31b	 1:63 360
Savage, R., Thomson, R., Fenwick, K.G.	1962	Elk Lake-New Liskeard Sheet, District of Timiskaming, Ontario	ODM Map P. 159	1:126 720
Roscoe, S.M.	1969	Huronian rocks and uraniferous Conglomerates in the Canadian Shield	GSC Paper 68-40	205 p.
Wood, J.	1978	Cobalt Area, District of Timiskaming; in Summary of Field Work, 1978, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 82	No. 20 pp. 116-118
Wood, J.	1979	Regional Geology of the Cobalt Embayment, District of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1979, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 90	No. 18 pp. 79-81

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Wood, J.	1980	Regional Geology of the Cobalt Embayment, District of Sudbury, Nipissing and Timiskaming; in Summary of Field Work, 1980, edited by V.G. Milne et al, Ontario Geological Survey	OGS MP 96	No. 14 pp. 61-63
Carter, M.W.	1981	Shining Tree Area, District of Sudbury and Timiskaming	OGS OFR 5346	67p.
Colvine, A.C.	1981	Reconnaissance of the Lorrain Formation, Northern Cobalt Embayment; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 29 pp. 187-189
Owsiacki, L.	1981	Geology of Lundy Township, District of Timiskaming; in Summary of Field Work, 1981, edited by J. Wood et al, Ontario Geological Survey	OGS MP 100	No. 33 pp. 214-217
Owsiacki, L.	1982	Geology of Lundy Twp. (Northern Half), District of Timiskaming; in Summary of Field Work, 1982, edited by J. Wood et al, Ontario Geological Survey	OGS MP 106	pp. 201-206
Donaldson, J.A. et al	1984	Grant No. 173, Sedimentary Rocks and Stratabound Mineralization in the Cobalt Region, in Geoscience Research Grant Program, Summary of Research 1983-1984, edited by V.G. Milne, Ontario Geological Survey	OGS MP 121	pp. 198-210
Hunter & Assoc. Ltd.	1984	Peat and Peatland Evaluation of the New Liskeard Area	OGS OFR 5486, Volumes 1, 2, 3	

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		GEOLOGICAL REPORTS AND MAPS		
Owsiacki, L.	1984	1983 Report of the Resident Geologist; in Annual Report of the Regional and Resident Geologist's, 1983, edited by C.R. Kustra, Ontario Geological Survey	OGS MP 117	pp. 169-178
Johns, G.W.	1985	Geology of the Firstbrook and Parts of Surrounding Township Area, District of Timiskaming	OGS Report 237 OGS Map 2474	58 p. 1:31 680
Owsiacki, L.	1985	Geology and Mineral Deposits, Lundy Township, District of Timiskaming	OGS Map 2733	1:15 480

NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data.

On the maps, only areas for which work has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

No present or past producers.

AIR PHOTOS - on file in Toronto

Only 1977 photos are available for viewing at the Public Service Centre, Rm. 1640, Whitney Block.

Photos can also be ordered from here for the years 1946, 1958 and 1970.

Year	Roll	Strip	Photo
1946	208	107	106-113
	208	108	105-111
	208	109	102-109
	219	110	8-16
	206	110	14-19
	206	111	38-45
1959	21	4722	93-99
	20	4721	146-152
	20	4720	167-174
1958	121	4721	275-281
1970	25	4724	94-100
	23	4723	182-189
	44	4723	162-168
	23	4722	156-163
	44	4721	196-202
1977	1	4724	94-101
	45	4723	99-106
	45	4722	59-66
	45	4721	15-22
1978	14	4725	16-22
	14	4724	60-67
	14	4723	107-112
	7	4722	18-24

AIR PHOTOS - on file in Cobalt

1946	208	108	105-111
	208	109	103-110
	219	109/110	11-17
	208	110	15-19
	206	111	40-44

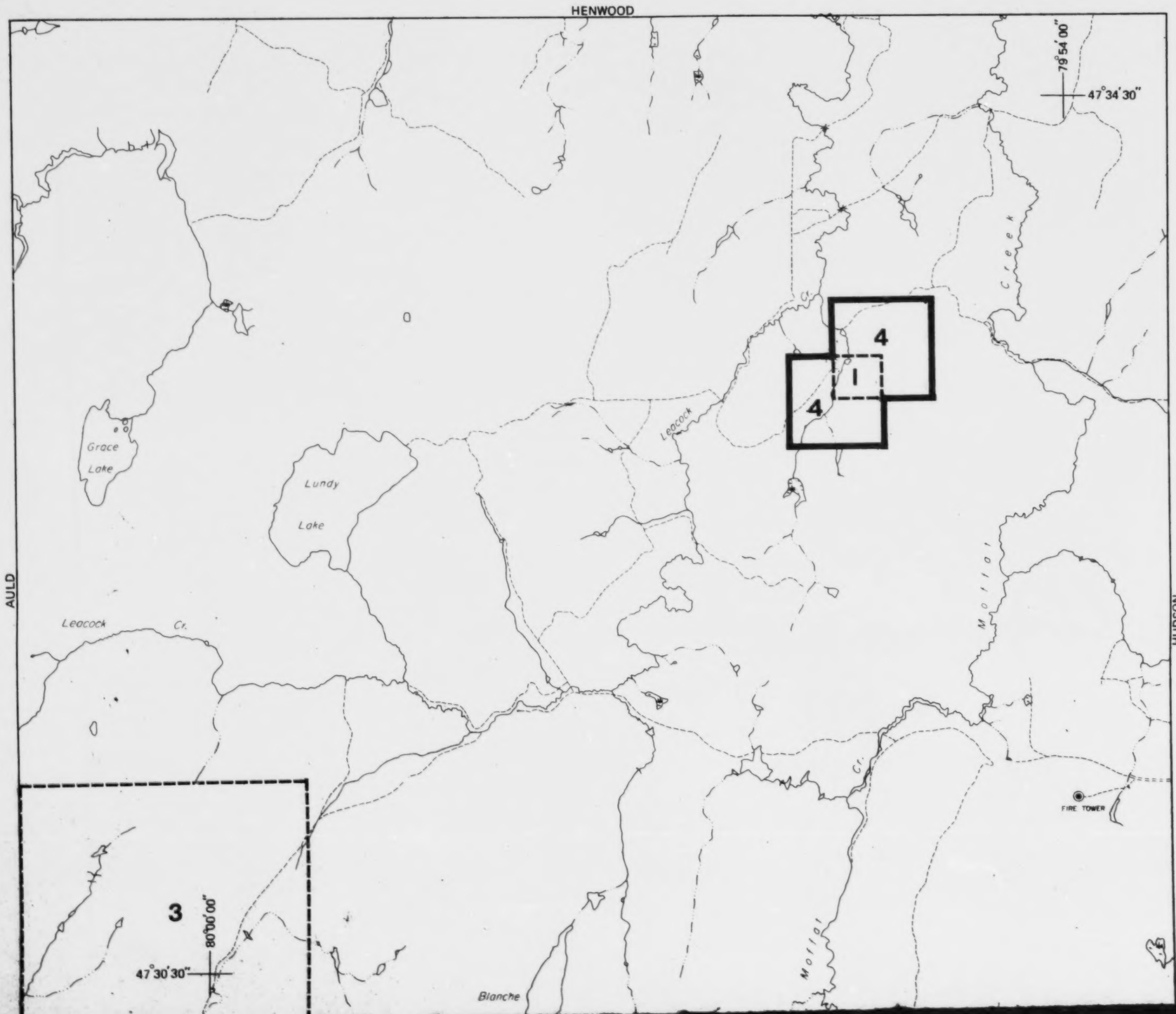
GDIF FORM NO.0

NOTES AND ADDENDA

AIR PHOTOS - on file in Cobalt

Year	Roll	Strip	Photo
1978	14	4725	16-22
	14	4724	60-67
	14	4723	107-112
	7	4722	18-24

Numerous photos, samples and thin sections are available for study in the Cobalt Resident Geologist's Office.



Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 286

(Map 1 of 2)

LUNDY TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 286

(Map 1 of 2)

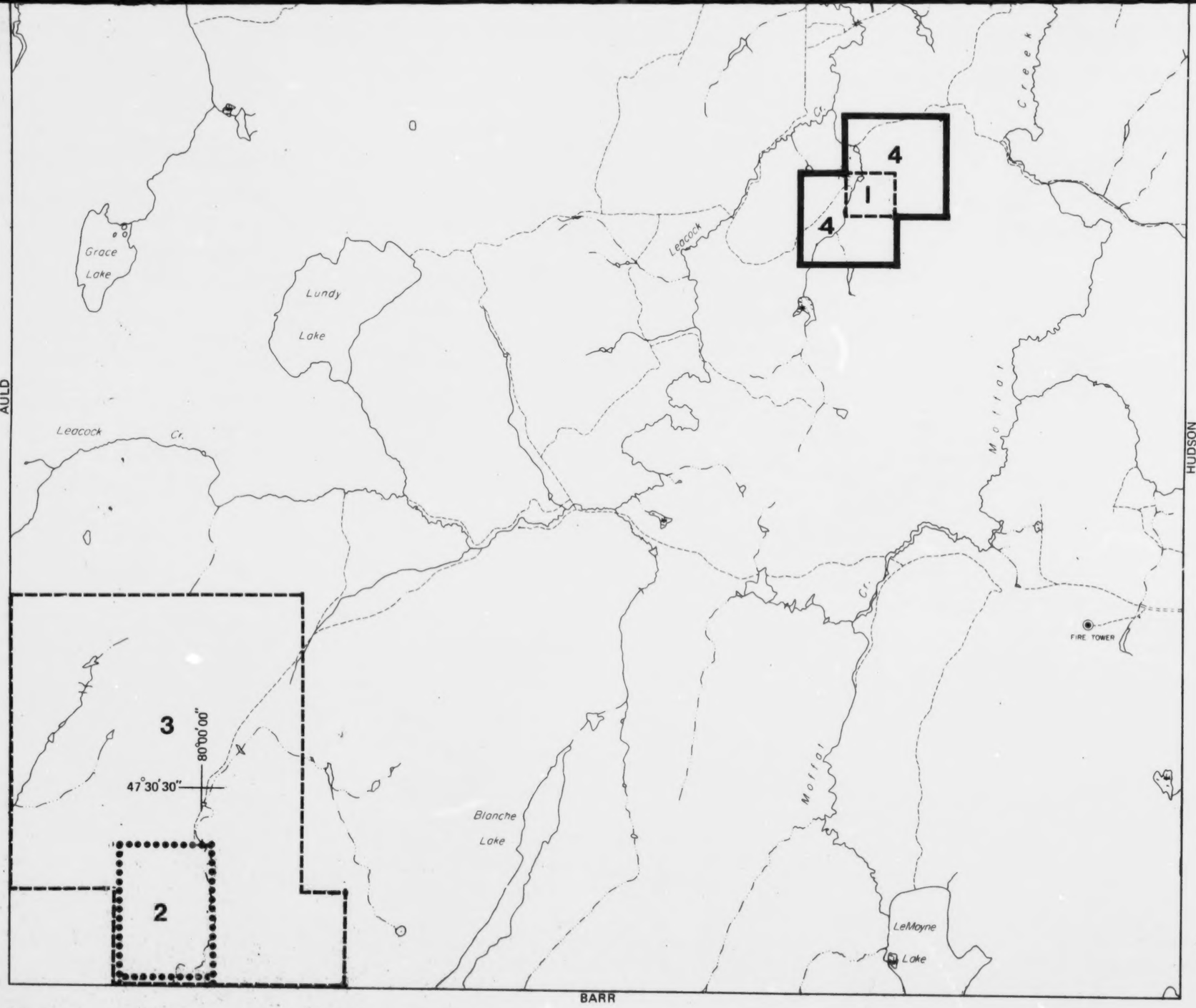
LUNDY TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ 1 5 Reference number is always inside work area outlined. See listing in text pages.

□ x 4 Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

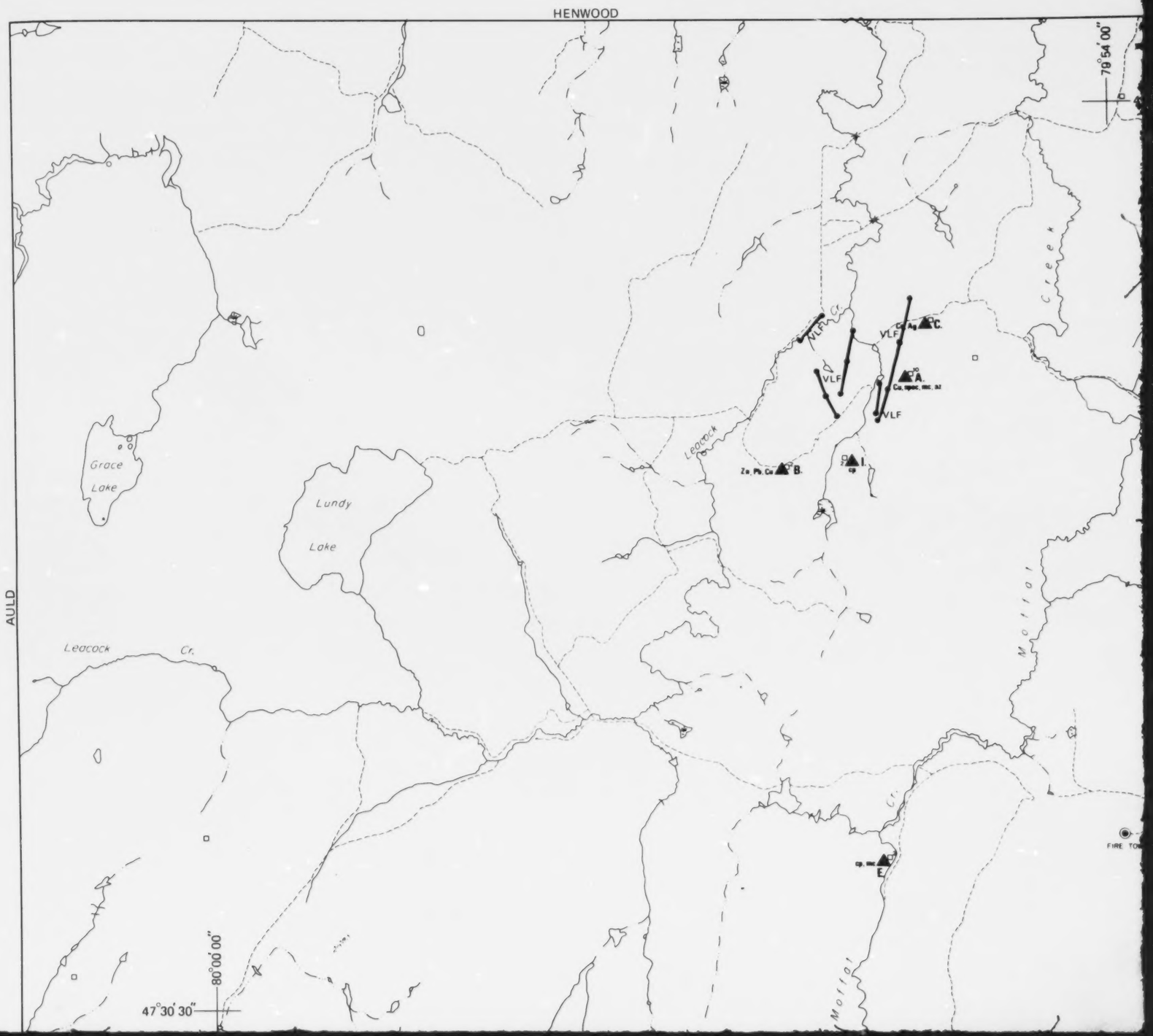
- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number

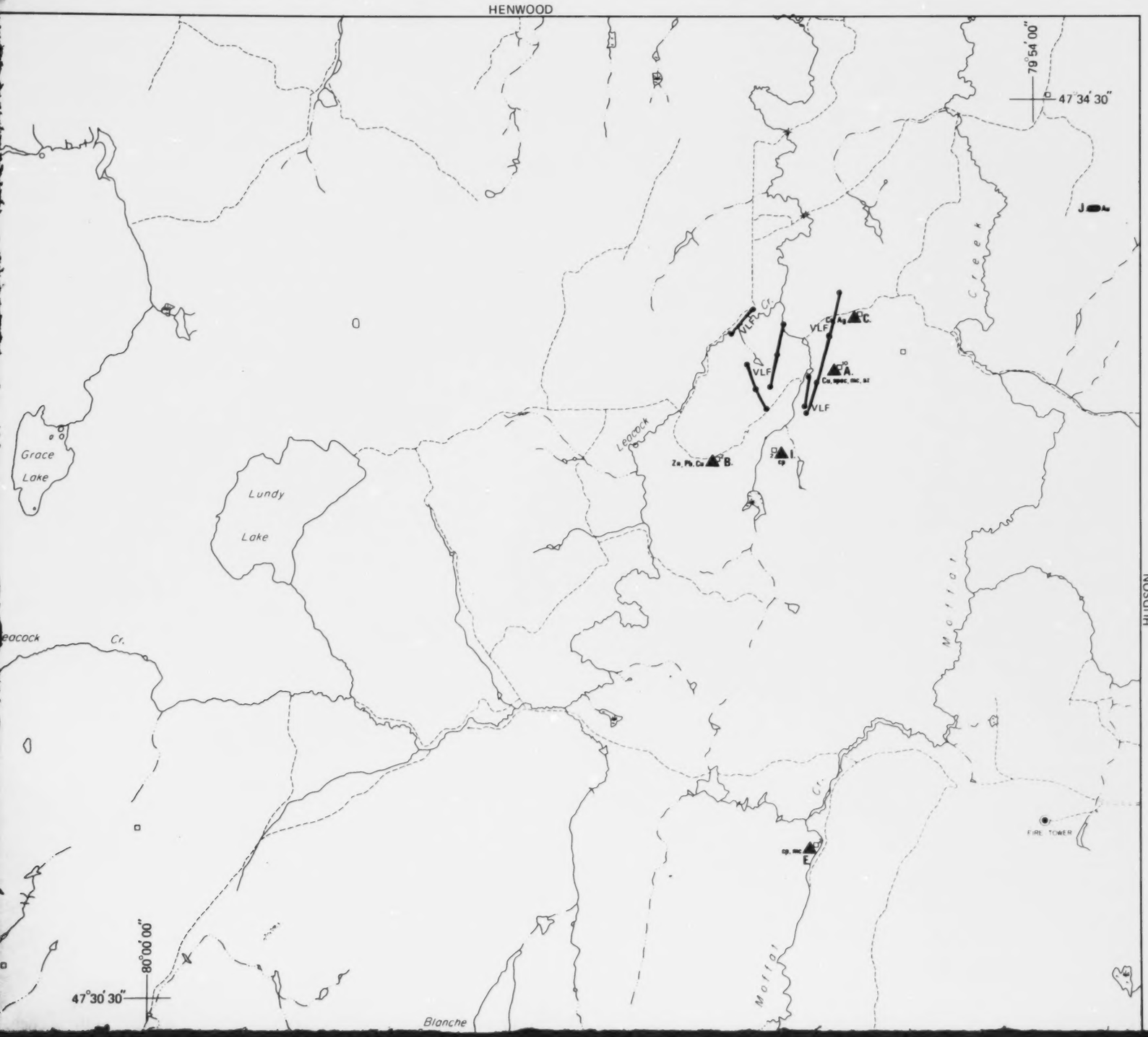
GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ ARA — Airborne radiometric anomaly
- ■ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- ☐ RA — Ground radiometric anomaly
- ☐ IP — Induced polarization anomaly
- ☐ SP — Self potential anomaly
- ☐ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- ☐ R — Resistivity anomaly
- ☐ GR — Gravity anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Rock quarry
- ■ Adit
- ☐ Sand and/or gravel pit





Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 286

(Map 2 of 2)

LUNDY TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- 2 — Location of single drillhole, with reference number
- 2 — Location of closely spaced group of drillholes, with reference number
- 2 — Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with

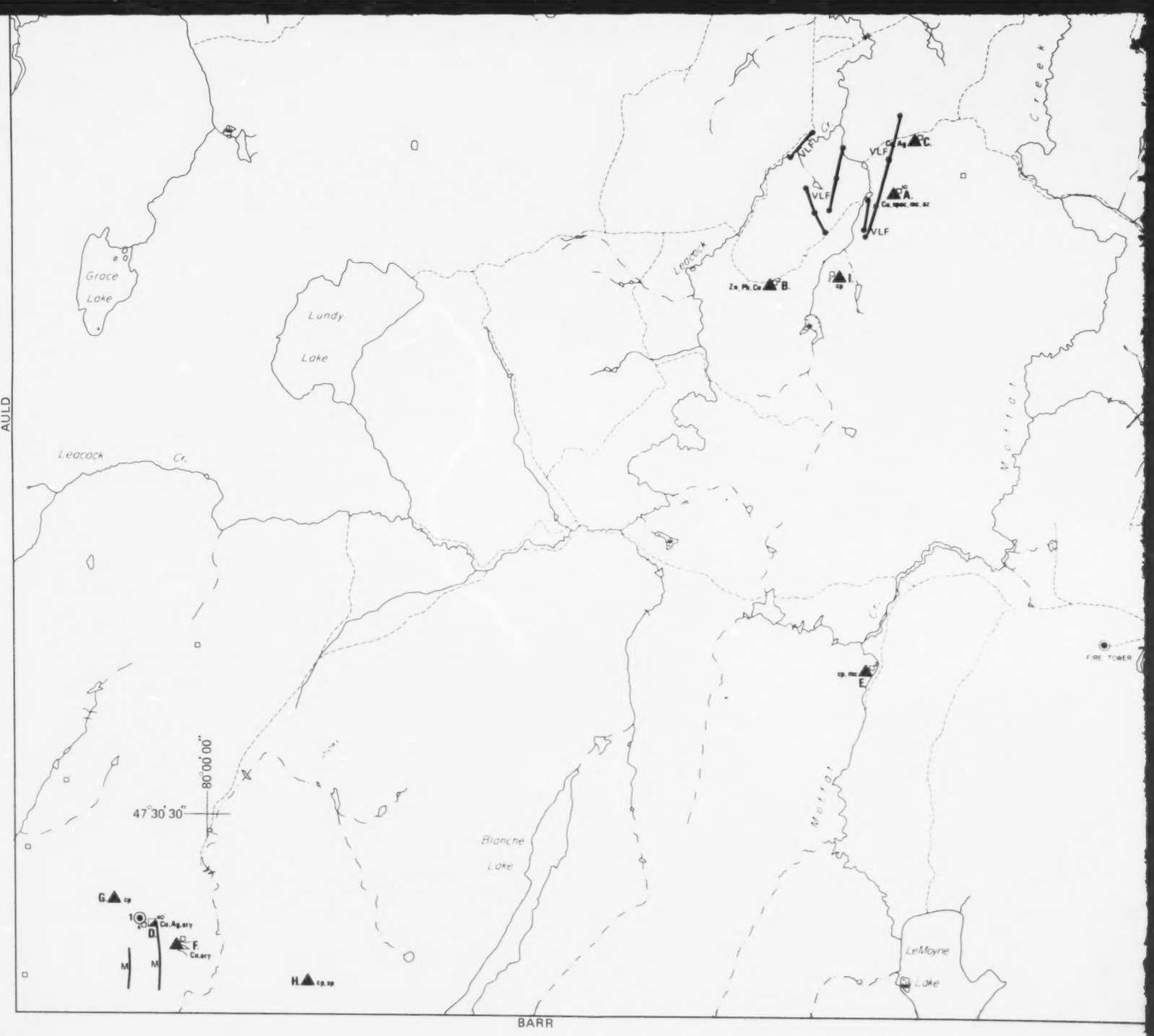
GEOPHYSICAL ANOMALIES

- ☐ —AM— Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- ☐ —ARA— Airborne radiometric anomaly
- ■ —M— Ground magnetic anomaly
- ■ —VL— Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- ☐ —RA— Ground radiometric anomaly
- ☐ —IP— Induced polarization anomaly
- ☐ —SP— Self potential anomaly
- ☐ —AFMAG— Audio-frequency magnetic anomaly (total intensity)
- ☐ —R— Resistivity anomaly
- ☐ —GR— Gravity anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Rock quarry
- ■ Adit
- ☐ Sand and/or gravel pit
- ☐ Open pit
- ■ Number of closely spaced pits or trenches

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 286

(Map 2 of 2)

LUNDY TOWNSHIP

DISTRICT OF TIMISKAMING

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- Location of single drillhole, with reference number
- Location of closely spaced group of drillholes, with reference number
- Drillhole, exact location uncertain, with reference number
- Property with underground drillholes in this general area, with reference number
- Property with drillholes which have not been plotted on map, with reference number
- Reverse circulation drillhole; churn drilling, with reference number

HUDSON

BARR

Grace Lake

Lundy Lake

Leacock Cr.

Leacock Creek

Bianche Lake

LeMoyne Lake

Moyot

VLF

80°00'00"

47°30'30"